



FLIGHT MANUAL SUPPLEMENT 4
Kubíček Bottom Ends with Ultramagic Envelopes

4.1 GENERAL INFORMATION.

No change

4.2 LIMITATIONS.

4.2.15 Other manufacturers equipment

The burners and baskets manufactured by Kubíček which may be used combination with Ultramagic envelopes are listed in section 8

WARNING: Only Kubíček burners with independent back up may be used. The back up must consist of a functional independent whisper burner in addition to the main burner.

CAUTION: Kubíček burners are only tested up to the Maximum Flight Altitude of 14,000 ft.

4.3 EMERGENCY PROCEDURES

No change

4.4 NORMAL PROCEDURES.

4.4.5.2 Rigging the basket and burner.

Kubíček burner frames are similar to Ultramagic with a single plate corner lug. Assembly is therefore similar to that of an Ultramagic and the same checks should be carried out.

4.5 LOADING

No change

4.6 BALLOON AND SYSTEM DESCRIPTION.

4.6.2.2 Burner and burner frame.

Refer to applicable Kubíček Flight Manual.

4.6.2.3 Basket

Refer to applicable Kubíček Flight Manual

4.6.2.4 Fuel Cylinders

Refer to applicable Kubíček Flight Manual

4.7 BALLOON MAINTENANCE, HANDLING AND CARE.

For inspections to Kubíček “bottom ends” refer to Kubíček maintenance manual.

4.8 OTHER MANUFACTURERS EQUIPMENT.

4.8.3 Other Equipment

KUBICEK BASKETS and BURNERS

Basket Size (cm)	Type	Empty Weight (Kg)	UM Envelope size range
0.88 x 0.88	K7(open)	50	31-56
0.88 x 1.16	K10(open)	60	56-77
1.16 x 1.16	K12(open)	80	65-90
1.16 x 1.16	K12a(open)	80	65-90
1.16 x 1.35	K15(open)	85	65-105
1.16 x 1.45	K16(open)	90	90-130
1.16 x 1.55	K18(open)	100	90-130
1.23 x 1.28	J1(open)	72	90-105
1.23 x 1.40	J2(open)	76	90-130
1.27 x 2.10	K25P(single partition)	140	120-180
1.66 x 2.60	K40Y (Y partition)	250	180-250
1.60 x 2.50	K32TT (TT partition)	170	180-250
1.60 x 3.00	K50TT (TT partition)	300	180-250

Burner Type	Empty Weight (Kg)	UM Envelope size range
H3	16	42-90
H3-D	20	42-160
HB2	24	42-160
Komet Duo (K10-K18)	21	42-160
Komet Duo (K25P)	24	42-160
H4 Triple	42	105-250
Shadow Triple	44	105-250
Ignis Double	23 to 43	65-160
Ignis Triple	41 to 59	145-250
Ignis Quadruple	56 to 102	210-425

